

Abstract

An optical communication network, an optical information transmission method and network node devices for use in an optical communication network, in which optical signals are exchanged via a first data link between a first network node device and a second network node device with interposition of a number of further interconnected network node devices, in which, after a disturbance on the first data link, a third network node device sends a signaling signal to a fourth network node device connected to the third network node device for setting up a second data link which acts at least partially as a standby for the first data link, which signaling signal contains a parameter (NRR, n) determined by the third network node device on the basis of which it is determined whether the fourth network node device is responsible for setting up the second data link or not.